

Disruption in progress



Industry 4.0 is characterised by technologies which enable disruption in production as well as all along the product life cycle

Data, computational power and connectivity

- Sensors
- Internet of Things/ Machine-to machine
- Cloud technology

Analytics and intelligence

- Automation of knowledge work
- Big data and advanced analytics

Industry 4.0

Human machine interaction

- Industrial automation (e.g., collaborative robots)
- Virtual and augmented reality

Advanced production methods

- Additive manufacturing (i.e., 3D printing)

The Digital Thread

Connecting data through each step of the product lifecycle



Customer-specific orders



Product Development



Suppliers



Procurement



Production (including planning)



Customer service